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11th Annual National Conference of PediSTARS on Healthcare Simulation

Pre-Conference Simulation Workshop- 22nd August 2026

SimVent Workshop

Mechanical Ventilation Through Simulation

The SimVent Workshop is a focused, simulation-based training program designed to enhance the understanding and practical application of pediatric mechanical ventilation in critical care settings.

This hands-on workshop enables participants to develop confidence in ventilator management for ICU patients, troubleshoot challenges, and make timely clinical decisions in high-pressure scenarios.



Academic Partners





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Learning Outcomes

- ▶ Understand the basic principles of respiratory physiology and mechanical ventilation.
- ▶ Identify indications for HFNC, NIV, and invasive mechanical ventilation.
- ▶ Initiate ventilator support and select appropriate modes and settings.
- ▶ Apply strategies for monitoring, troubleshooting, and weaning ventilated patients.
- ▶ Demonstrate effective teamwork and communication during critical care emergencies.
- ▶ Manage common ventilation challenges through simulation scenarios with reflective debriefing.

Who Should Attend

Postgraduates in Medicine, Pediatrics, Anesthesiology, Pulmonary medicine and emergency medicine, Respiratory therapists and senior nurses involved in care of emergencies and critically ill patients.

Maximum participants: 40
Time – 8.00 a.m. – 4.30 p.m.

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VENUE: MANIPAL HOSPITAL, VARTHUR ROAD, BENGALURU

National Coordinator:
Dr Jignesh Shah (9028246946)
Local Coordinators:
Dr Saurodip Maiti (9372451704)
Dr Arvind Kannan (8123140418)

Conference - 23rd
August 2026

INR: 4000 (Early Bird 31st May) | 5000 (1st June onwards)
USD: 85 (Early Bird 31st May) | 105 (1st June onwards)

Click Here For
Registration

CONFERENCE REGISTRATION IS MANDATORY FOR ATTENDING WORKSHOP